

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS FOR DETECTING NUCLEIC ACID VARIATIONS

the specification of which

is attached hereto.

was filed on June 25, 2004 as United States Application No. or PCT International Application No. PCT/US2004/020464 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or (f), or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)Priority Claimed

| | | | |
|----------|-----------|------------------------|-----|
| (Number) | (Country) | (Day/month/year filed) | [] |
|----------|-----------|------------------------|-----|

| | | | |
|----------|-----------|------------------------|-----|
| (Number) | (Country) | (Day/month/year filed) | [] |
|----------|-----------|------------------------|-----|

| | | | |
|----------|-----------|------------------------|-----|
| (Number) | (Country) | (Day/month/year filed) | [] |
|----------|-----------|------------------------|-----|

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

| | |
|------------------------------------|--------------------------------|
| 60/483,352 (Application Number) | June 27, 2003 (Filing Date) |
|------------------------------------|--------------------------------|

| | |
|----------------------|---------------|
| (Application Number) | (Filing Date) |
|----------------------|---------------|

| | |
|----------------------|---------------|
| (Application Number) | (Filing Date) |
|----------------------|---------------|

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|--------------------------|---------------|---|
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
|--------------------------|---------------|---|

| | | |
|--------------------------|---------------|---|
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
|--------------------------|---------------|---|

| | | |
|--------------------------|---------------|---|
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
|--------------------------|---------------|---|

And I hereby appoint Gregory J. Lavoragna, Registration No. 30,469; Daniel A. Monaco, Registration No. 30,480; John J. Marshall, Registration No. 29,671; Joseph R. DelMaster, Jr., Registration No. 38,123, Robert E. Cannuscio, Registration No. 36,469, and George A. Frank, Registration No. 27,636, my attorneys or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to **Daniel A. Monaco**, Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996. Address all telephone calls to **Daniel A. Monaco**, (215) 988-3312 (telefax: (215) 988-2757).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | |
|-------------------------------------|---------------------------|
| Full name of sole or first inventor | Kathleen Delgross |
| Sole or first inventor's signature | <i>Kathleen Delgross</i> |
| Date | 4/26/06 |
| Residence | Aldan, Pennsylvania |
| Citizenship | United States |
| Post Office Address | 205 Pennsylvania Avenue |
| | Aldan, Pennsylvania 19018 |

| | |
|------------------------------|----------------------------------|
| Full name of second inventor | Paolo Fortina |
| Second inventor's signature | <i>Paolo Fortina</i> |
| Date | 04/12/06 |
| Residence | Philadelphia, Pennsylvania |
| Citizenship | United States |
| Post Office Address | 2020 Walnut Street, Apt. 10-E |
| | Philadelphia, Pennsylvania 19103 |

| | |
|-----------------------------|--|
| Full name of third inventor | David Graves |
| Third inventor's signature | <i>David J. Graves</i> |
| Date | March 20, 2006 |
| Residence | Devon, Pennsylvania |
| Citizenship | United States |
| Post Office Address | 221 Highland Avenue Devon, Pennsylvania 19333 |

| | |
|------------------------------|---|
| Full name of fourth inventor | Saul Surrey |
| Fourth inventor's signature | <i>Saul Surrey</i> |
| Date | 4/26/06 |
| Residence | Chadds Ford, Pennsylvania |
| Citizenship | United States |
| Post Office Address | 5 Grouse Trail Chadds Ford, Pennsylvania 19317 |